

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1-16 (canceled)

Claim 17 (new) A method for lubricating a conveyor belt surface used for the transport of containers comprising:

applying a liquid composition to a conveyor belt surface, the liquid composition comprising

a silicone emulsion comprising a silicone oil and an aqueous phase; and

a compound selected from the group consisting of polyhydric alcohols, surfactants, and mixtures thereof; and

transporting containers on the conveyor belt surface.

Claim 18 (new) The method of claim 17, wherein the liquid composition does not flow off the conveyor belt surface.

Claim 19 (new) The method of claim 17, wherein the liquid composition is applied to the conveyor belt surface in undiluted form.

Claim 20 (new) The method of claim 17, wherein the liquid composition comprises a polyhydric alcohol and an anionic surfactant, wherein the anionic surfactant improves the polyethylene terephthalate compatibility of the liquid composition.

Claim 21 (new) The method of claim 17, wherein the liquid composition comprises 1-55% silicone oil by weight; about 10-95% aqueous phase by weight, and at least 20% polyhydric alcohol by weight.

Claim 22 (new) The method of claim 17, wherein the liquid composition comprises a surfactant, the surfactant comprising a polyalkoxylene.

Claim 23 (new) The method of claim 17, wherein the liquid composition comprises a surfactant, the surfactant comprising an anionic or a cationic surfactant.

Claim 24 (new) The method of claim 17, wherein the liquid composition comprises a polyhydric alcohol, the polyhydric alcohol comprising glycerol.

Claim 25 (new) The method of claim 17, wherein the liquid composition has a coefficient of friction less than 0.12.

Claim 26 (new) The method of claim 17, wherein the containers comprise polyethylene terephthalate.

Claim 27 (new) A lubricated conveyor belt comprising:

a liquid composition coating on a conveyor belt, wherein the conveyor belt is used for the transport of containers, the liquid composition coating comprising

a silicone emulsion comprising a silicone oil and an aqueous phase; and

a compound selected from the group consisting of polyhydric alcohols, surfactants, and mixtures thereof.

Claim 28 (new) The lubricated conveyor belt of claim 27, wherein the liquid composition does not flow off the conveyor belt.

Claim 29 (new) The lubricated conveyor belt of claim 27, wherein the liquid composition can be applied in undiluted form.

Claim 30 (new) The lubricated conveyor belt of claim 27, wherein the liquid composition comprises a polyhydric alcohol and an anionic surfactant, wherein the anionic surfactant improves the polyethylene terephthalate compatibility of the liquid composition.

Claim 31 (new) The lubricated conveyor belt of claim 27, wherein the liquid composition comprises 1-55% silicone oil by weight; about 10-95% aqueous phase by weight, and at least 20% polyhydric alcohol by weight.

Claim 32 (new) The lubricated conveyor belt of claim 27, wherein the liquid composition comprises a surfactant, the surfactant comprising a polyalkoxylene.

Claim 33 (new) The lubricated conveyor belt of claim 27, wherein the liquid composition comprises a surfactant, the surfactant comprising an anionic or a cationic surfactant.

Claim 34 (new) The lubricated conveyor belt of claim 27, wherein the liquid composition comprises

a polyhydric alcohol, the polyhydric alcohol comprising glycerol.

Claim 35 (new) A liquid composition for lubricating a conveyor belt surface comprising:

a silicone emulsion comprising a silicone oil and an aqueous phase; and

a compound selected from the group consisting of polyhydric alcohols, surfactants, and mixtures thereof.

Claim 36 (new) The liquid composition of claim 35, wherein the liquid composition comprises 1-55% silicone oil by weight; about 10-95% aqueous phase by weight, and at least 20% polyhydric alcohol by weight.

Claim 37 (new) The liquid composition of claim 35, wherein the liquid composition comprises a surfactant, the surfactant comprising a polyalkoxylene.

Claim 38 (new) The liquid composition of claim 35, wherein the liquid composition comprises a surfactant, the surfactant comprising an anionic or a cationic surfactant.

Claim 39 (new) The liquid composition of claim 35, wherein the liquid composition consists essentially of

a silicone emulsion consisting essentially of a silicone oil and an aqueous phase;

and at least one polyhydric alcohol.

Claim 40 (new) The liquid composition of claim 35, wherein the liquid composition comprises a polyhydric alcohol, the polyhydric alcohol comprising glycerol.

Claim 41 (new) A method for lubricating a conveyor belt surface used for the transport of containers comprising:

(a) applying a liquid composition comprising 10-95% by weight of an aqueous phase to a conveyor belt surface, wherein the liquid composition is applied at a rate of 0.1 grams of liquid composition per second to the conveyor belt surface for 5 seconds every 10 minutes when the conveyor belt surface is moving at a rate of 640 bottles per minute, to produce a coat of liquid composition on the conveyor belt surface, the coat of liquid composition having the required lubricity; and

(b) transporting a container on the conveyor belt surface, wherein the liquid composition does not flow off the conveyor belt surface.

Claim 42 (new) The method of claim 41, wherein the liquid composition comprises an emulsion of an oil phase and an aqueous phase.

Claim 43 (new) The method of claim 41, wherein the liquid composition comprises an emulsion of an oil phase and an aqueous phase, wherein the oil phase is selected from the group consisting of silicone oil, mineral oil and vegetable oil.

Claim 44 (new) The method of claim 41, wherein the liquid composition comprises an ultrafine particle dispersion of polytetrafluoroethylene resin incorporated in the aqueous phase.

Claim 45 (new) The method of claim 41, wherein the container comprises an aluminum can or a polyethylene terephthalate bottle.

Claim 46 (new) The method of claim 42, wherein the emulsion further comprises a surfactant.

Claim 47 (new) The method of claim 41, wherein the liquid composition consists essentially of an oil phase and an aqueous phase.

Claim 48 (new) The method of claim 41, wherein the coefficient of friction between the container and the conveyor belt surface is below 0.12.

Claim 49 (new) The method of claim 41, wherein the liquid composition is applied to the conveyor belt surface using a brush applicator.

Claim 50 (new) The method of claim 41, wherein the container contains beer.

Claim 51 (new) The method of claim 41, wherein the conveyor belt surface moves at a speed of 640 bottles per minute.

Claim 52 (new) The method of claim 42, wherein the emulsion comprises a water in mineral oil or water in vegetable oil emulsion.

Claim 53 (new) The method of claim 42, wherein the emulsion comprises a silicone oil in water emulsion.

Claim 54 (new) The method of claim 42, wherein the oil phase comprises an oil selected from the group consisting of silicone oil and glyceryl trioleate.

Claim 55 (new) The method of claim 42, wherein the liquid composition further comprises a surfactant, a preservative, or mixtures thereof.

Claim 56 (new) The method of claim 41, wherein the liquid composition is applied in undiluted form to the conveyor belt surface.

Claim 57 (new) The method of claim 41, further comprising a mixture of vegetable oils and mineral oils.

Claim 58 (new) A method for lubricating a conveyor belt surface used for the transport of containers comprising:

(a) applying a liquid composition comprising an emulsion of an oil phase and an aqueous phase to a conveyor belt surface, wherein the liquid composition is applied at a rate of 0.1 grams of liquid composition per second to the conveyor belt surface for 5 seconds every 10 minutes when the conveyor belt surface is moving at a rate of 640 bottles per minute, to produce a coat of liquid composition on the conveyor belt surface, the coat of liquid composition having the required lubricity; and

(b) transporting a container on the conveyor belt surface, wherein the liquid composition does not flow off the conveyor belt surface.

Claim 59 (new) The method of claim 58, wherein the liquid composition further comprises a polyhydric alcohol or a surfactant.

Claim 60 (new) The method of claim 58, wherein the liquid composition contains about 10-95% aqueous phase by weight.

Claim 61 (new) The method of claim 58, wherein the container is an aluminum can.

Claim 62 (new) The method of claim 58, wherein the container is a polyethylene terephthalate bottle.

Claim 63 (new) The method of claim 58, wherein the liquid composition further comprises a surfactant.

Claim 64 (new) The method of claim 58, wherein liquid composition consists essentially of emulsion of an oil phase and an aqueous phase.

Claim 65 (new) The method of claim 58, wherein the coefficient of friction between the container and the conveyor belt surface is below 0.12.

Claim 66 (new) The method of claim 58, wherein the liquid composition is applied to the conveyor belt surface using a brush applicator.

Claim 67 (new) The method of claim 58, wherein the container contains beer.

Claim 68 (new) The method of claim 58, wherein the conveyor belt surface transports 640 containers per minute.

Claim 69 (new) The method of claim 58, wherein the oil phase comprises an oil selected from the group consisting of silicone oil and glyceryl trioleate.

Claim 70 (new) The method of claim 58, wherein the liquid composition further comprises a surfactant.

Claim 71 (new) The method of claim 58, wherein the liquid composition further comprises a preservative.

Claim 72 (new) The method of claim 58, wherein the liquid composition is applied in undiluted form to the conveyor belt surface.